

## YHT-790

5.1 Channel Home Theater in a Box System

\$849.95

Yamaha Makes Great-Sounding Home Theater Easy with This One-Box System that includes a 105W 5-Channel Receiver with SCENE, YPAO and iPod/Satellite Radio Compatibility, plus Five Speakers and a 130W Subwoofer.



### Technology QuickView

This product includes these technologies



#### Bluetooth

The Bluetooth® logo indicates that the product is equipped to use the optional YBA-10 Bluetooth® Wireless Audio Receiver that lets you connect the dock to the receiver and supports A2DP audio streaming. With the optional YBA-10 Bluetooth dock, you can enjoy music wirelessly from Bluetooth enabled mobile phones, portable devices, or personal computes.

(view the Specifications of each product for Bluetooth® dock compatibility)



#### Made for iPod

The Made for iPod logo indicates that the product is equipped to use an optional Yamaha Universal iPod Dock that lets you connect your iPod to this product. With the optional dock you can listen to your music and operate the iPod via the product's remote control while at the same time charging the battery on your iPod. Depending on your product's specifications, some will allow you to use the On-Screen Display feature on your video monitor to navigate your music. Some products can even allow you to view your photos and movies from your iPod on your video monitor (view the Specifications of each product for iPod playback compatibility)...



Dolby Pro Logic II

Improved version of Dolby Pro-Logic for music and movies. With a more intelligent matrix decoder, it is suitable for both stereo and surround-encoded sources. It offers "bass management" as well as the option of incorporating "width," "dimension" and "panorama" controls.



#### DTS Digital Surround


The basic DTS 5.1 channel sound format. Uses a higher data rate than Dolby Digital.



#### XM - XM Ready

A product with this feature indicates that the item is XM SATELLITE RADIO (XM Ready), allowing you to hear over 150 digital channels of music, news, sports, talk and entertainment from America's number one Satellite Radio service. With the addition of the optional digital antenna XM Mini-Tuner Home Dock and the XM Mini-Tuner accessories sold separately, just subscribe to XM SATELLITE RADIO and hear radio as it was meant to be!

**XM Mini-Tuner Home Kit Bundle**



Add the enjoyment XM Radio to your XM-Ready Yamaha A/V products with this XM Mini-Tuner Bundle.

You get the Mini-Tuner Home Dock and the XM Mini-Tuner so you are all set to go XM.

[BUY NOW](#)

(Note: XM subscription required to receive XM Radio)



#### XM HD Surround Sound

XM and Neural Audio Corporation announce XM HD Surround, which provides content with six discrete channels of digital full fidelity audio powered by Neural Audio technology. Marking the first time that a radio company has broadcast in 5.1 Surround Sound twenty-four hours a day. Beginning in April 2006, XM will broadcast the Fine Tuning® (XM Channel 76) and the classical pops music channel XM Pops (XM Channel 113) in XM HD Surround. XM will also broadcast a variety of special shows and live music performances at the XM studios in XM HD Surround.



#### Neural Surround

Neural Surround™, a proprietary audio format that embeds the rich envelopment and discrete image detail of surround sound and is 100% compatible with stereo content. Chosen by XM Satellite Radio as the format for their 24/7 XM HD Surround programming



#### Sirius-Ready

A Sirius-Ready audio system lets you access your favorite SIRIUS Satellite Radio entertainment, including 100% commercial-free music, plus sports, uncensored talk, comedy, exclusive entertainment, world-class news and more, directly through your audio system with the use of an optional SIRIUS ConnectT Home Tuner kit. This product has a simple connector that allows you to plug the SIRIUS ConnectT kit and use the controls of this system to access all the content you want. Subscription and SIRIUS ConnectT Home Tuner (SC-H1) are required and sold separately.



#### HDMI

High Definition Multimedia Interface (HDMI) is the first and only digital interface to combine uncompressed high-definition video, multi-channel audio and intelligent format and command data in a single digital interface. HDMI switching, providing the most advanced method of delivering high quality video signals to a home theater system to enable the reproduction of DVD and satellite TV sources with HD quality. HDMI can also send the digital audio signals from sources such as DVD Audio, CD, Dolby Digital and DTS to provide simple components connections.



#### 6 Ch Ext Input

6 additional input jacks for discrete multi-channel input. Front (Left, Center, Right), Rear (Surround Left & Right) and Subwoofer



#### CINEMA DSP Digital

Conventional multichannel audio reproduction systems base their sound on Dolby Digital and DTS decoding, using matrix and steering technologies to create surround sound effects. Yamaha CINEMA DSP is much more advanced, actually creating richly realized independent sound fields that envelop you in an unmatched surround sound experience. With dialogue, music and effects from ideally located in these separate sound fields, you will hear sound with accurate placement, smooth movement, exceptional clarity and richness, and startlingly realistic presence. It will seem as if the walls of your room have disappeared and you are in the middle of your own immense theater! The decoding circuitry performs Dolby Pro Logic IIx, Dolby Digital, Dolby Digital EX, DTS Digital Surround, DTS-ES (DTS-ES Matrix 6.1 and DTS-ES Discrete 6.1), DTS Neo:6 and DTS 96/24 decoding with extreme accuracy, as well as all digital sound field processing.



#### SILENT CINEMA and Virtual CINEMA DSP

SILENT CINEMA makes it possible to hear large-scale surround sound through ordinary headphones! This is a variation of CINEMA DSP technology that Yamaha developed to let you listen in private to movies and other multi-channel sources for hours without listening fatigue. Virtual CINEMA DSP lets you enjoy the effects of CINEMA DSP surround sound without using surround speakers (handy for use in custom installations where some rooms don't have surround speakers). It can be used with the front / center / presence speakers or even with just the two front left and right speakers.



#### Compressed Music Enhancer

Yamaha employs sophisticated digital signal processing with exclusive algorithms to enable playback that improves the performance of compressed music formats, including MP3 and WMA. With the Compressed Music Enhancer, highs and especially lows are richer and smoother, bringing music back to life to be as close to the original as possible.



#### SCENE – A NEW LEVEL OF OPERATING EASE

Four SCENE buttons make operating the receiver easier than ever. They are initially set to default settings for DVD Viewing, Disc Listening, TV Viewing and Radio Listening. Pressing a SCENE button automatically launches a number of operations that initiate play of the source controlled by that button. Other SCENE settings are also available, such as iPod Listening, XM Listening, TV Sports Viewing and Action Game Playing. Browsing and selecting the settings is quickly accomplished by rotating the Input knob and watching the on-screen display. The settings can be selected for one-time use, or they can replace the original default settings. The SCENE names can be changed also.



#### YPAO Automatic System Calibration

Yamaha's YPAO system uses a small microphone and sophisticated equalization to automatically set the best sound for any room, no matter where the speakers are. First it checks the speaker connections and phase of each speaker. Then it sends out tones which are captured by the microphone to analyze the room acoustics and sets a variety of parameters, such as the speaker size, the distance of the speakers and even the sound pressure level, etc. Until it achieves the best sound conditions for your room and you don't have to do anything!

RX-V2500 and newer models have an improved system that is faster (less than three minutes), also adjusts frequency response, and provides three programmed EQ patterns, plus the ability to manually adjust parametric EQ settings. Six YPAO settings can be held in memory and recalled via two system memory buttons on the remote control.

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## YHT-790BL HOME THEATER IN A BOX

Yamaha Makes Great-Sounding Home Theater Easy with This One-Box System that includes a 105W 5-Channel Receiver with SCENE, YPAO and iPod/Satellite Radio Compatibility, plus Five Speakers and a 130W Subwoofer.

### MAIN FEATURES

#### Advanced Features

- 4 SCENE buttons offering greater operating ease (with 17 preset SCENE templates)
- XM ready with XM HD Surround powered by Neural Surround
- SIRIUS Satellite Radio ready
- YPAO for automatic speaker setup
- iPod compatibility via Yamaha Universal Dock
- Bluetooth (A2DP) compatibility with Yamaha Bluetooth Wireless Audio Receiver
- Front panel mini jack input for connecting portable audio player
- On-screen display with iPod song title display
- Elegant high gloss piano finish speaker systems
- High-grade aluminum front speaker stands included
- Slim subwoofer is only 6-3/16" deep to match flat screen TVs

#### High Sound Quality

- 5.1-channel 655W powerful surround sound (105W x 5 + 130W subwoofer)
- Direct mode for high quality sound reproduction
- Burr-Brown 192kHz/24-bit DACs used in all channels
- 2-way speaker drivers for high power input capacity
- 6-1/2" subwoofer with Advanced YST II and FD-Bass technology
- Subwoofer Half Pipe port for minimizing extraneous noise

#### High Picture Quality

- 1080p-compatible HDMI (2 in/1 out) including 1080p/24Hz repeat
- HDTV compatible component video terminals (3 in/1 out)

#### Surround Realism

- CINEMA DSP with 8 DSP programs
- Compressed Music Enhancer to improve compressed music sources
- Night Listening Enhancer and SILENT CINEMA

#### Other Notable Features

- • 40-station preset tuning / Auto preset tuning
- HD Audio LPCM 5.1-channel reception (up to 96kHz)
- High dynamic power, low-impedance drive capability
- 192kHz/24-bit DACs for all channels
- iPod song titles displayed in English and Western European languages ISO 8859-1 (Latin 1) on the front panel and on-screen display
- Night Listening Enhancer, SILENT CINEMA and Virtual CINEMA DSP
- Audio Delay for adjusting lip-sync (0–160ms)
- 9 selectable subwoofer crossover frequencies
- Subwoofer phase select
- Dolby Digital, DTS and Dolby Pro Logic II decoding
- Front panel Video Aux input with mini jack for connecting portable audio player
- Subwoofer out
- 6-channel external input
- Speaker A or B selection
- Preset remote unit
- Slim subwoofer is only 6-3/16" deep to match flat screen TVs
- Elegant high gloss piano finish speaker systems
- High-grade aluminum front speaker stands included